First Nations Water Rights in British Columbia

A Historical Summary of the rights of the Tahltan First Nation

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WATER MANAGEMENT BRANCH

FIRST NATIONS WATER RIGHTS IN BRITISH COLUMBIA:

A Historical Summary of the rights of the Tahltan First Nation

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Prepared for publication:	February, 2001

National Library of Canada Cataloguing in Publication Data
Abrams, Rachel.
First Nations water rights in British Columbia. A historical summary of the rights of the Tahltan First Nation

ISBN 0-7726-4460-8

1. Water rights - British Columbia - Dease Lake Indian Reserve No. 9. 2. Water rights - British Columbia - Tahltan Indian Reserve No. 1. 3. Water rights - British Columbia - Telegraph Creek Indian Reserve No. 6. 4. Water rights - British Columbia - Telegraph Creek Indian Reserve No. 6A. 5. Tahltan Indians - British Columbia - Telegraph Creek Region - Government relations. I. Robinson, Gary W. II. JOL Consulting (Firm) III. British Columbia. Water Management Branch. IV. Title. V. Title: Historical summary of the rights of the Tahltan First Nation.

KEB529.5.W3A29 2001 346.71104'32 C2001-960023-2
KF8210.W38A29 2001

101-03918/

ACKNOWLEDGMENTS

The Ministry of Environment, Lands and Parks wishes to acknowledge three partners whose contributions were invaluable in the completion of the *Aboriginal Water Rights Report Series:*

The Ministry of Aboriginal Affairs, was a critical source of funding, support and direction for this project.

The U-Vic Geography Co-op Program, was instrumental in providing the staffing resources needed to undertake this challenging task. Through the services of June Whitmore and her office, the project benefited from the research, writing, editing and co-ordination of these outstanding students:

Jas Gill
Julie Steinhauer
Kelly Babcock
Daniella Mogus
Miranda Griffith
Christina Rocha
Rachel Abrams
Elizabeth Lee
Sara Cheevers

The services of Clover Point Cartographics Limited of Victoria, was responsible for the preparation of most of the map drawings, which form a valuable part of these documents.

In addition to these three key partners, I must acknowledge the valuable contributions of other Water Management staff, past and present, including Jack Farrell, Jim Mattison, Richard Penner, Diana Jolly, Greg Blaney, Gary Lucas and Kim Johnston.

The sheer numbers of First Nations groups' with histories of water rights made the completion of the Report Series seem, at times, prolonged. The determination, patience and vision of the partners was essential in the completion of the Series and is gratefully acknowledged.

Gary Robinson
Project Manager
Water Management Branch

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FIRST NATION WATER RIGHTS REPORT

BAND: Tahltan

ADDRESS: General Delivery, Telegraph Creek, BC, V0J 2W0

CHIEF: Ronnie Carlick

PHONE: 235-3241 **FAX:** 235-3244

AFFILIATION: Tahltan Tribal Council

LOCATION:

The Tahltan Band occupy eleven reserves situated on the northwestern coast of BC. The reserves are located northeast and northwest of the town of Telegraph Creek. The reserves range in size from 16.2 to 259.4 hectares. The Tahltan reserves include:

Classy Creek No. 8	Tahltan No. 1	Telegraph Creek No. 6
Dease Lake No. 9	Tahltan No. 10	Telegraph Creek No. 6A
Hiusta's Meadow No. 2	Tahltan Forks No. 5	Upper Tahltan No. 4
Salmon Creek No. 3	Tatcho Creek No. 11	

Evidence indicates that the following reserves have been allocated water rights over the past 100 years:

- **Dease Lake No. 9**: a 129.5 hectare reserve located on the southeast shore of Dease Lake.
- **Tahltan No. 1**: a 151.7 hectare reserve located just south of the junction of the Tahltan and Stikine Rivers.
- **Telegraph Creek No. 6**: a 24.3 hectare reserve located on the right bank of the Stikine River at Telegraph Creek. The reserve is bordered to the north by Iskut Reserve No. 6.
- **Telegraph Creek No. 6A**: a 32.3 hectare reserve located on the right bank of the Stikine River at Telegraph Creek. The reserve is situated immediately northwest of Telegraph Creek Reserve No. 6, and comprises the east half of the northeast quarter of Lot 17.

The most recent population figures compiled by the Ministry of Finance indicate that the Tahltan Band has 239 persons living on-reserve as registered members. Its total population, including registered and non-registered members living on- and off-reserve, is 1,320.

The Tahltan Reserves are located on the Stikine Plateau and lie at elevations ranging from 600 to 2,800 metres above mean sea level. The area experiences a climate in which average daily temperatures range from a low of -10 degrees centigrade in January, to a high of less than 16 degrees centigrade in July. Annual rainfall for the area averages between 30 and 50 centimetres.

Water courses of significance include:

- **Alkali Lake** - situated immediately west of the town of Telegraph Creek.
- **Dodjatin Creek** - flows southeast past Alkali Lake and discharges into the Stikine River.
- **Dease Lake** - situated immediately north of the town of Dease Lake.
- **Hluey Creek** - situated southeast of Tatcho Creek Reserve No. 11. Hluey Creek flows in an easterly direction and discharges into the Tanzilla River.
- **Tahl Creek** - flows south from an area immediately to the north of Tahltan Reserve No. 1.
- **Tahltan River** - flows northeast to Tahltan Forks No. 5, and then southwest. The Tahltan passes through Tahltan No. 1 and discharges into the Stikine River.
- **Telegraph Creek** - flows south through Telegraph Creek Reserve No. 6 and discharges into the Stikine River.
- **Tsenaglode Creek** - flows in a northerly direction and discharges into Sitsa Lake.

WATER ALLOCATIONS:

There are no records of water allocations made by either the Indian Reserve Commission, by the Lieutenant Governor in Council (by Order In Council), nor by Order of the Board of Investigation.

The water rights of the Band have been determined by two actions of government over the years.

1) The issue of water licences in response to Federal Government applications requesting authorization for the use of water on reserve lands.

2) Actions to amend, cancel or record as abandoned, licensed rights pursuant to provisions contained in the *Water Act*.

HISTORY, CURRENT STATUS AND NOTES:

The history of water rights, the current status of rights, and notes for the Tahltan Band with respect to Alkali Lake and Dodjatin Creek, Dease Lake, Hluey Creek and Tsenaglode Creek, Tahl Creek, Tahltan River, and Telegraph Creek are as follows:

Alkali Lake and Dodjatin Creek

History:

Oct 18, 1988 — A water application was made by the Tahltan Band to request a water rights permit to divert 100 acre feet of water for irrigation purpose on Dodjatin Creek and Alkali Lake. The application also requested authorization for the storage of 24,000 acre feet of water for ponds purposes and for 2 cubic feet of water per second for power purpose.

May 27, 1992 — A letter written by the Tahltan Nation Development Corporation on behalf of the Tahltan Band stated that regarding Alkali Lake and Dodjatin Creek:

> *"...the Tahltan Nation Development Corporation is hereby with-drawing the application for a water licence on the named creek and lake."*

Jul 16, 1992 — Application No. Z101177 for Alkali Lake and Dodjatin Creek was recorded as abandoned.

Current Status:

There are currently no active licences on Alkali Lake or Dodjatin Creek.

Water Survey of Canada has no records of streamflow on Alkali Lake or Dodjatin Creek, and there is no other current information on water availability.

Notes:

1. There is no additional information with respect to the rights of the Tahltan Band on Alkali Lake or Dodjatin Creek.

Dease Lake

History:

Nov 25, 1991 In accordance with an application filed by the Tahltan Band, the Comptroller of Water Rights issued Conditional Water Licence 102908. This licence has a precedence date of August 14, 1991 and authorizes the diversion of 100,000 gallons of water per day, year round from Dease Lake for waterworks purpose. The land to which this licence is appurtenant is Dease Lake Reserve No. 9.

Current Status:

Conditional Water Licence 102908 is the only active licence on Dease Lake. It is for the use and benefit of the Tahltan Band.

The Water Survey of Canada operated station 10AC003 on Dease River at the outlet of Dease Lake from 1956 to 1984. During this period, the station recorded a minimum daily discharge of 1.89 m^3/sec (66.74 cubic feet/sec) on March 24, 1984, and a maximum daily discharge of 198 m^3/sec (6,392.17 cubic feet/sec) on June 4, 1967. Mean monthly discharges reached a low of 3.11 m^3/sec in March and a high of 56.4 m^3/sec in June.

Notes:

1. Conditional Water Licence 102908 is currently licensed for waterworks purpose. As such the Dease Lake drainage area has the potential to be designated a "Community Watershed" under the Forest Practices Code.

Hluey Creek and Tsenaglode Creek

History:

Aug 1, 1995 In accordance with an application made by the Tahltan Nation Development Corporation, the Comptroller of Water Rights issued Conditional Water Licence 105247. This licence was given a precedence date of July 17, 1992 and authorizes the diversion of 70 cubic feet per second from Hluey Creek for power (general) purpose. This amount may be used to generate a maximum of 6 megawatts of hydroelectricity.

Conditional Licence 105247 also authorizes the storage of a maximum 16,400 acre feet. To supplement this amount, the licensee is authorized to divert water from Tsenaglode Creek into Hluey Lakes. The water may be diverted into storage, stored and used throughout the whole year.

The land upon which this licence is appurtenant is defined in Licence of Occupation No. 634334 (BC Lands File No. 6405573). The property contains 118.6 acres of Crown land situated southeast of Lot 2986, Cassier District, on which the powerhouse, switching yard and tailrace channel are situated.

In connection with Conditional Water Licence 105247, Permit Over Crown Lands 21674 was granted to the Tahltan Nation Development Corporation . This permit authorized occupation of Crown Land for the construction and maintenance of works.

Current Status:

Conditional Water Licence No. 105247 is the only water licence on Hluey and Tuttidueh Creeks. Under this licence:

- Tsenaglode Creek has reservoirs situated both at Sitsa Lake and Tuttidueh Lake. All stored water is re-diverted into Hluey Lakes via canal at Tuttidueh Lake.
- Hluey Creek has a storage reservoir at Hluey Lake. Rediversion of water occurs from Tsenaglode Creek via canal on Tuttidueh Lake.
- Tuttidueh Lake has an additional point of rediversion from Tsenaglode Creek.

The Water Survey of Canada has no records of streamflow on Hluey Creek or Tsenaglode Creek, and there is no current information on water availability.

Notes:

1. There is no additional information with respect to the rights of the Tahltan Band on Hluey and Tuttidueh Creeks.

Tahl Creek

History:

Jan 2, 1945 In accordance with an application made by the Director of Indian Affairs on behalf of the Tahltan Band, the Comptroller of Water Rights issued Conditional Water Licence 16308. This licence was given a precedence date of October 11, 1944 and authorizes the diversion of 37.5 acre feet per year (from April 1 to September 30)

from Tahl Creek for irrigation purposes. The licence is defined as appurtenant to Tahltan Reserve No. 1, of which 15 acres may be irrigated.

Feb 7, 1945 In connection with Conditional Water Licence No. 16308, a permit was granted to the Director of Indian Affairs, under Section 20, Right of Way over Crown Land. No stumpage fee is fixed, but in the event of timber being cut it will be subject to stumpage at current prices plus a royalty.

Sept 19, 1949 A letter from the Comptroller of Water Rights indicated that Conditional Water Licence 16308 was recorded as abandoned and removed from the registers.

Current Status:

There are currently no active licences on Tahl Creek.

The Water Survey of Canada has no records of streamflow on Tahl Creek, and there is no other current information on water availability.

Notes:

1. The abandonment of Conditional Water Licence 16308 resulted in a loss of licensed rights on Tahl Creek for the Tahltan Band on Tahltan Reserve No. 1. There is nothing on file to indicate that the Tahltan Band was notified of the abandonment or asked of their intentions regarding this licence.

Tahltan River

History:

Jan 2, 1945 In accordance with an application made by the Director of Indian Affairs on behalf of the Tahltan Band, the Comptroller of Water Rights issued Conditional Water Licence 16307. The licence was given a precedence date of November 2, 1944 and authorized the diversion of 2,500 gallons of water per day, year round from Tahltan River for domestic purpose. The licence is defined as appurtenant to Tahltan Reserve No. 1.

Sept 16, 1950 In accordance with an application made by the Director of Indian Affairs, on behalf of the Tahltan Band, the Comptroller of Water Rights granted an extension of time, to December 30, 1950, for completion of works associated with Conditional Licence 16307.

Sept 22, 1951 A letter from the Comptroller of Water Rights indicated that Conditional Water Licence 16307 was recorded as abandoned and removed from the registers.

Current Status:

There are currently no active licences on Tahltan River.

The Water Survey of Canada has no records of streamflow on Tahltan River, and there is no other current information on water availability.

Notes:

1. The abandonment of Conditional Water Licence 16307 resulted in a loss of licensed rights on Tahltan River for the Tahltan Band on Tahltan Reserve No. 1. There is nothing on file to indicate that the Tahltan Band was notified of the abandonment or asked of their intentions regarding this licence.

Telegraph Creek

History:

Jan 5, 1931 In accordance with an application made by the Superintendent General of Indian Affairs on behalf of the Tahltan Band, the Comptroller of Water Rights issued Conditional Water Licence 10708. This licence was given a precedence date of June 18, 1930 and authorized the diversion of 2,000 gallons of water per day, year round from Telegraph Creek for domestic purpose. The land to which this licence is appurtenant is defined as Tahltan (Telegraph Creek) Reserve No .6.

Feb 12, 1935 Based on the extent to which the rights granted under the former licence were being exercised at the time, the Comptroller of Water Rights issued Final Water Licence 9156 (in substitution of Conditional Water Licence 10708) to the Superintendent General of Indian Affairs on behalf of the Tahltan Band. The licence was given a precedence date of June 18, 1930 and authorized the diversion of 2,000 gallons of water per day, year round, for domestic purposes on Tahltan (Telegraph Creek) Reserve No. 6.

Mar 10, 1942 In accordance with an application made by the Director of Indian Affairs on behalf of the Tahltan Band, the Comptroller of Water Rights issued Conditional Water Licence 15246. This licence was given a precedence date of October 17, 1941 and authorized the diversion of 50 acre feet per year (from April 1 to September 30) from Telegraph Creek for irrigation purpose. Of this amount, 2,000

gallons of water per day, year round is authorized for use for domestic purposes. The land to which this licence is appurtenant is defined as Telegraph Creek Reserve No. 6, of which 25 acres may be irrigated.

Mar 16, 1942 A letter from the Comptroller of Water Rights indicated that Final Water Licence 9156 was recorded as abandoned and removed from the registers. The letter noted that the domestic supply authorized under Final Water Licence 9156 was now authorized under Conditional Water Licence 15246.

Sept 1, 1948 Based on the extent to which the rights granted under the former licence were being exercised at the time, the Comptroller of Water Rights issued Final Water Licence 13091 (in substitution of Conditional Water Licence 15246) to the Director of Indian Affairs on behalf of the Tahltan Band. The licence was given a precedence date of October 17, 1941 and authorized the diversion of 50 acre feet per year (from April 1 to September 30) from Telegraph Creek, for irrigation purposes on 25 acres of Telegraph Creek Reserve No. 6. Of this amount, 2,000 gallons per day, year-round is authorized for domestic use.

Mar 12, 1981 In accordance with an application made by the Minister of Indian Affairs on behalf of the Tahltan Band, the Comptroller of Water Rights issued Conditional Water Licence 55137 (in substitution of Final Water Licence 13091). The licence was given a precedence date of October 17, 1941 and authorized the diversion of 2,000 gallons of water per day, year round from Telegraph Creek for domestic purpose. The licence was defined as appurtenant to Telegraph Creek Reserve No. 6.

Aug 21, 1981 In accordance with an application made by the Tahltan Band, the Comptroller of Water Rights issued Conditional Water Licence 55918. This licence was given a precedence date of August 15, 1980 and authorized the diversion of 20,000 gallons of water per day, year round from Telegraph Creek for waterworks purpose. The land to which the licence is appurtenant is defined as Telegraph Creek Reserve Nos. 6 and 6A.

Sept 24, 1987 The Comptroller of Water Rights recorded Conditional Water Licences 55137 and 55918 as abandoned. The abandonments were requested in order to:

> *"streamline the licences and water applications held by the Tahltan Band into one water licence and file."*

The Comptroller of Water Rights abandoned Conditional Licence No's. 55137 and 55918 on the assumption that the Regional Water Manager would issue one licence for 62,000 gallons a day from an application filed June 24, 1986 on Telegraph Creek. It was believed that this volume was sufficient to accommodate the Tahltan Bands needs.

Oct 28, 1987	In accordance with an application made by Indian and Northern Affairs on behalf of the Tahltan Band, the Comptroller of Water Rights issued Conditional Water Licence 65470. The licence has a precedence date of June 24, 1986 and authorizes the diversion of 62,000 gallons of water per day, year round from Telegraph Creek for waterworks purpose. The land to which the licence is appurtenant is defined as Telegraph Creek Reserve Nos. 6 and 6A.
Oct 28, 1987	In connection with Conditional Water Licence 65470, Permit Over Crown Lands 16417 was granted to the Tahltan Band. The permit authorized occupation of Crown Land for the construction and maintenance of works.

Current Status:

Conditional Water Licence 65470 is the only active licence on Telegraph Creek. It is for the use and benefit of the Tahltan Band.

The Water Survey of Canada has no records of streamflow on Telegraph Creek, and there is no other current information on water availability.

Notes:

1. Conditional Water Licence 65470 is currently licensed for waterworks purpose. The status of this licence could lead to the designation of the Telegraph Creek drainage area as a Community Watershed under the Forest Practices Code.

2. The abandonment of Final Water Licence 9156 resulted in a loss of licensed rights on Telegraph Creek for the Tahltan Band on Tahltan Reserve No. 1. There is nothing on file to indicate that the Tahltan Band was notified of the abandonment or asked of their intentions regarding this licence.

3. The amalgamation of Conditional Water Licences 55137 and 55138 into one licence, Conditional Water Licence 65470 resulted in the loss of priority for the Tahltan Band on Telegraph Creek. Originally Conditional Licences 55137 and 55138 had priority dates of 1941 and 1980 respectively. Conditional Licence 65470 was assigned a date of precedence of 1986.

OTHER INFORMATION:

Groundwater Records:

A review of records maintained by the MELP Groundwater Section found that no wells have been reported on any of the Tahltan Reserves. However, as provision of

information to the Groundwater Section is voluntary it should not be assumed to be complete.

Alternate Water Sources:

The proximity of the Tahltan Reserves to the towns of Dease Lake, Tahltan and Telegraph Creek presents the potential for alternate sources of water supply to the reserves via one of the three municipality systems.

Summary of Water Records

Tahltan First Nation

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
Dease Lake	1991/08/14	Dease Lake # 9	6000670	CL 102908	Current		100,000 GAD/Waterworks	Dease Lake Drainage Area: Issue of CL 102908 - Potential designation "**Community Watershed**".
Hluey Creek	1992/07/17	Tahltan Nation Development Corporation	6000704	CL 105247	Current		16,400 AF/Storage 70 CFS/Power	Appurtenant Lands: As set out in **Licence of Occupation No. 6405573.** Reservoirs: Specified as **Sitsa Lake, and Tuttidueh and Hluey Lakes.**
Tsenaglode Creek	1992/07/17	Tahltan Nation Development Corporation	6000704	CL 105247	Current		16,400 AF/Storage 70 CFS/Power	Appurtenant Lands: As set out in **Licence of Occupation No. 6405573.** Reservoirs: Specified as Sitsa Lake, and Tuttidueh and Hluey Lakes.
Tahl Creek	1944/10/11	Tahltan # 1	0154686	CL 16308	Abandoned		37.5 AF/Irrigation	Abandonment: No evidence to indicate **consultation/notification** of the Band occurred.

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
Tahltan River	1944/11/02	Tahltan # 1	0154685	CL 16307	Abandoned		2,500 GAD/Domestic	Abandonment: No evidence to indicate **consultation/notification** of the Band occurred.
Telegraph Creek	1930/06/18	Telegraph Creek # 6	0091635	CL 10708	Superceded	FL 9156	2,000 GAD/Domestic	
Telegraph Creek	1930/06/18	Telegraph Creek # 6	0091635	FL 9156	Abandoned		2,000 GAD/Domestic	Abandonment: No evidence to indicate **consultation/notification** of the Band occurred.
Telegraph Creek	1941/10/17	Telegraph Creek # 6	0145778	CL 15246	Superceded	FL 13091	2,000 GAD/Domestic 50 AF/Irrigation	
Telegraph Creek	1941/10/17	Telegraph Creek # 6	0145778	FL 13091	Superceded	CL 55137	2,000 GAD/Domestic 50 AF/Irrigation	
Telegraph Creek	1941/10/17	Telegraph Creek # 6	0145778	CL 55137	Abandoned		2,000 GAD/Domestic	Abandonment: Initiated by Comptroller in order to *"streamline licences and water applications held by the Band in to 1 file".*; assumption one **licence for 62,000 GAD** would be issued.

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
Telegraph Creek	1980/08/15	Telegraph Creek #6, Telegraph Creek #6A	0367061	CL 55918	Abandoned		20,000 GAD/Waterworks	
Telegraph Creek	1986/06/24	Telegraph Creek #6, Telegraph Creek #6A	6000313	CL 65470	Current		62,000 GAD/Waterworks	Telegraph Cr. Drainage Area: Issue of CL 65470 - potential designation "**Community Watershed**".

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

For Domestic purpose.

Appurtenant to those parts of Tahltan Indian Reserve No. 6, being the E½ of SE¼ of Lot 17, Cassiar District, on which are situate dwellings and appendages thereto.

WHEREAS The Superintendant General of Indian Affairs, as owner or lawful occupant of the land, mine, or undertaking hereinafter specified has applied for a licence to take and use water in the manner hereinafter set out, and has taken all the steps required of such applicant under the "Water Act," prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting the licensee hereunder the right to take and use water under the following terms and conditions:—

(a.) The source of the water-supply is Telegraph Creek a tributary of Stikine River

(b.) The point of diversion from the stream is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof.

(c.) The date from which this licence and the right to take and use water thereunder shall take precedence is 18th June, 1930.

(d.) The water is to be used for Domestic purpose and incidentally for - - - purpose.

(e.) The maximum quantity of water which may be used at the place of use is:—

Superseded by Final Licence 9156

For Domestic purpose 2000 gallons a day

For - - - purpose - - -

and an additional amount may be diverted to provide against reasonable loss by seepage and evaporation in conveyance from the point of diversion to the place of use.

(f.) The period of the year during which the water may be used is the whole year

(g.) The area and description of the lands or mines upon which the water may be used are those parts of Tahltan Indian Reserve No. 6, being the E½ of SE¼ of Lot 17, Cassiar District, on which are situate dwellings and appendages thereto.

which area and description are more particularly shown in the said exhibit "A."

File Number 091635 License Number 10708

W.R.B. 1002 (1)—1M-530-665. (Conditional Licence—Domestic, Mining, Miscellaneous, etc.)

(h.) The works which are required to be constructed consist of all the works set out in the exhibit marked "B" hereto attached, which is incorporated herewith and made a part hereof.

(i.) The construction of the said works shall be commenced on or before the 31st day of May, 19 31, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(j.) The said construction shall be completed and the water beneficially used for the purpose set out in this licence on or before the 30th day of September, 19 32.

(k.) The licensee may also use an additional 20,000 gallons of water a day for the operation of an hydraulic ram until the said 20,000 gallons or any part thereof is required under any other licence, whether issued heretofore or hereafter. The water used in operating the said hydraulic ram shall be returned to the stream immediately after use.

(l.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(m.) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part II. of the "Water Act," and shall be subject to all the provisions of said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 74 of the said Act.

Issued this 5th day of January, 19 31.

Comptroller of Water Rights.

File Number 091635.

Licence Number 10708

N.B.—In order that statements of rentals due the Province shall be sent to the proper party, notice of the date of any change in the ownership of the lands, mines, or undertaking specified in this licence should be filed with the Comptroller of Water Rights by the new owner.

W.R.B. 1002 (2)—2M-830-666. (Conditional Licence—Domestic, Mining, Miscellaneous, etc.)

ORIGINAL

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

EXHIBIT "B"

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED).

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 761904 B

as altered, amended, or limited by supplemental plans and specifications numbered

or in letters or other documents referred to as

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Ram and pipe

File 091635.

R(53(F.6)

Comptroller of Water Rights.

W.R.B. 1005 (Approval of Plans)—3H-1130-3913—Forming part of Conditional Water Licence No. 10708

ORIGINAL

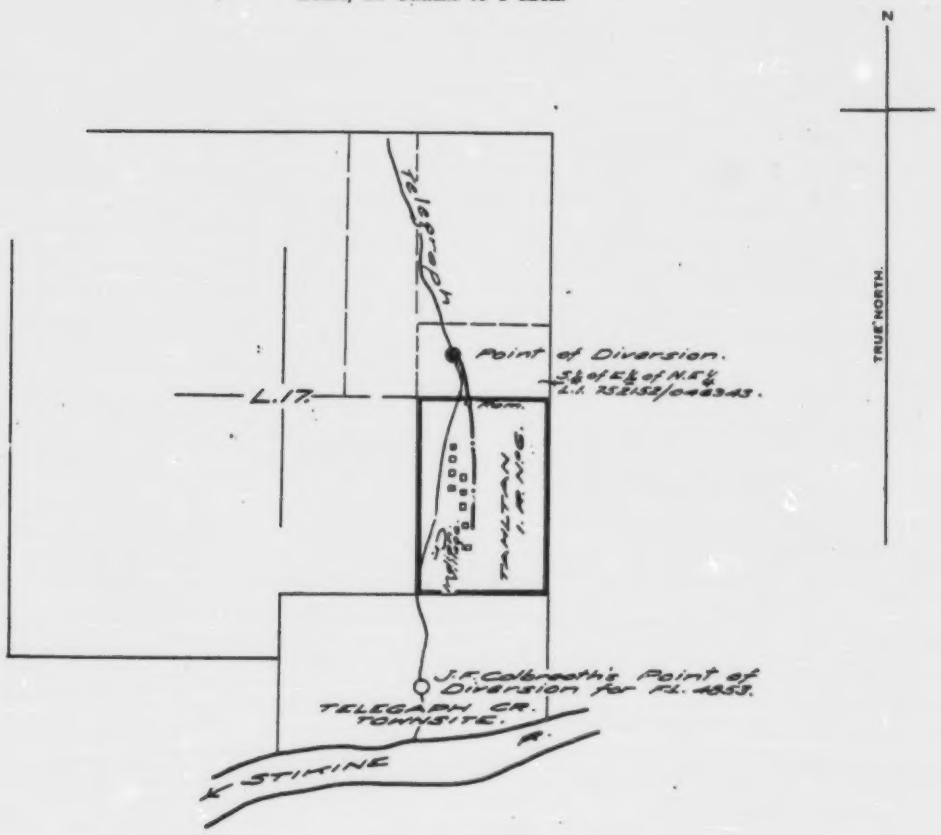
8

British Columbia.

To accompany Conditional Licence No. 10708 Province.

STIKINE WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



CASSIAR LAND DISTRICT.

The boundaries of the land to which this licence is appurtenant are shown shaded.

H.E.P. 6th.

Signature Jean Macdonald

Date 5th Jan. 1951.

EXHIBIT "A"

Ref. Map 53(F.a).

C.L. 10708.

File 031635.

W.R.B. 1002—3M-441-2717

PROVINCE OF BRITISH COLUMBIA. | WATER RIGHTS BRANCH. | DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

THE DIRECTOR OF INDIAN AFFAIRS of Ottawa, Ont., is hereby authorized to divert and use water as follows:—

(*a.*) The source of the water-supply is Telegraph Creek, tributary of Stikine River.

(*b.*) The point of diversion is located as shown on the attached plan.

(*c.*) The date from which this licence shall have precedence is 17th October, 1941.

(*d.*) The purpose for which the water is to be used is irrigation and domestic

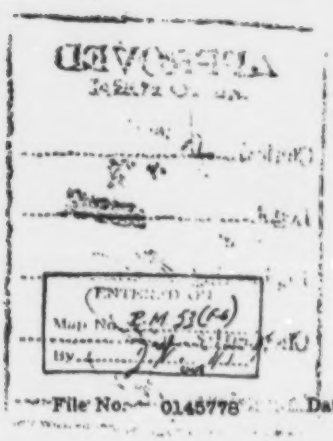
(*e.*) The maximum quantity of water which may be diverted for irrigation is 50 acre-feet per annum and for domestic purpose 2,000 gallons a day, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(*f.*) The period of the year during which the water may be used for irrigation purpose is 1st April to 30th September, and for domestic use is the whole year.

(*g.*) The land upon which the water is to be used and to which this licence is appurtenant is 25 acres of Indian Reserve No. 6, Telegraph Creek, Cassiar Land District.

(*h.*) The works for the diversion and carriage of the water are dam, flume and ditch. as shown on the attached plan.

(*i.*) the construction of which shall be commenced on or before the 31st day of May 1942 and shall be completed and the water beneficially used on or before the 31st day of December 19 44.



re. leg F 13091

E. Davis

Comptroller of Water Rights.

File No. 0145778 Date issued March 10, 1942 Licence No. 15246

8

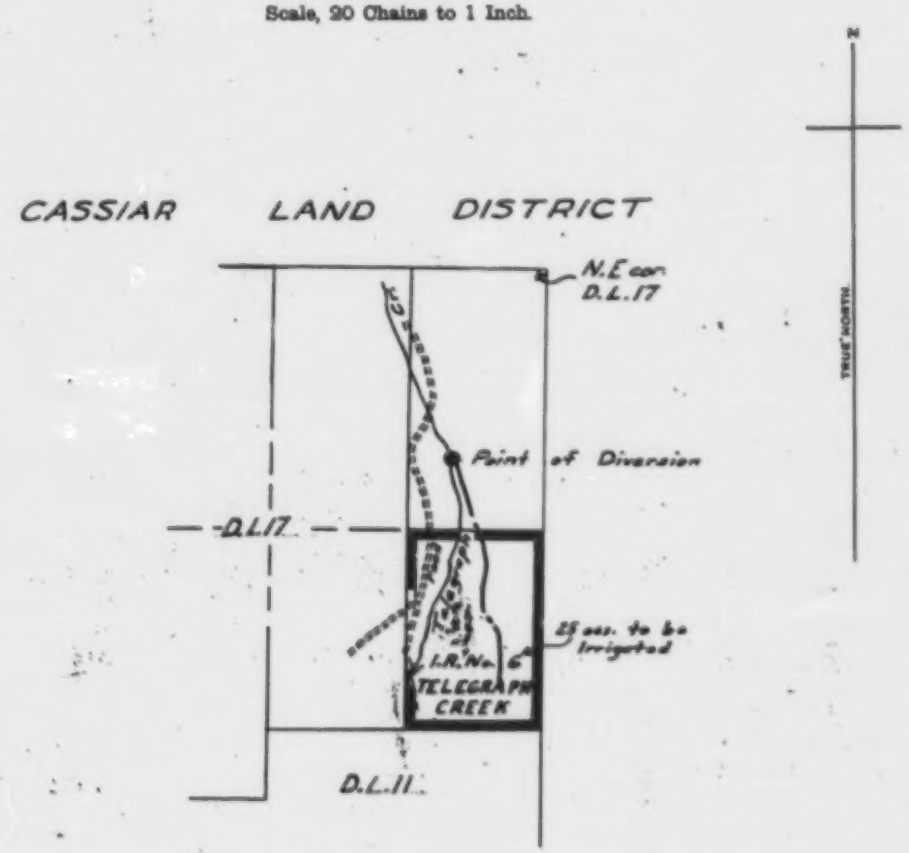
British Columbia.

To accompany { Final Licence No. 13021 for Conditional Licence No. 15246 }

Pencilled

STIKINE WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



LEGEND

Point of Diversion ●

Ditch & Flume ——— ——— ———

The boundaries of the land to which this licence is appurtenant are shown ———

Signature R. Baird

Date 1st Sept. 1949

EXHIBIT "A"

Ref. Map 53 (F-6)

F.L. 13021 for C.L. 15246

File 0145778

ORDER

WATER ACT 1939.

Section 12.

File No. [redacted]

Being satisfied that no person's rights will be effected, I hereby extend the time for the completion of the works and making beneficial use of the water authorized under Conditional Licence No. 15246, 15294 Director of Indian Affairs, Telegraph Creek, to the Thirty-first day of December, 1949.

E. Davis

Comptroller of Water Rights.

DATED at Victoria, B. C.,
this 28th day of June,
1948.

1/10/47

W.R.B. 15—2M-644-2974

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

DIRECTOR OF INDIAN AFFAIRS of Ottawa, Ont., is

hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Tahltan River, tributary of Stikine River

(b.) The point of diversion is located as shown on the attached plan.

(c.) The date from which this licence shall have precedence is 2nd November, 1944

(d.) The purpose for which the water is to be used is domestic

(e.) The maximum quantity of water which may be diverted is 2,500 gallons a day and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(f.) The period of the year during which the water may be used is the whole year.

(g.) The land upon which the water is to be used and to which this licence is appurtenant is Indian Reserve No. 1, Tahltan,

(h.) The works for the diversion and carriage of the water are flume, ram, pipe and tank, as shown on the attached plan.

(i.) the construction of which shall be commenced on or before the 31st day of May 1945 and shall be completed and the water beneficially used on or before the 31st day of December 1948.

The licensee may also use an additional 25,000 gallons of water a day for the operation of an hydraulic ram until the said 25,000 gallons or any part thereof is required under any other licence, whether issued heretofore or hereafter. The water used in operating the said hydraulic ram shall be returned to the stream immediately after use.

ENTERED ON
Ref. Map No. 75(A-4)
By OBE

ABANDONED
see LI 2458714
Dr file 4625-WE. Davis

Comptroller of Water Rights.

File No. 0154685 Date issued January 2, 1945 Licence No. **16307**

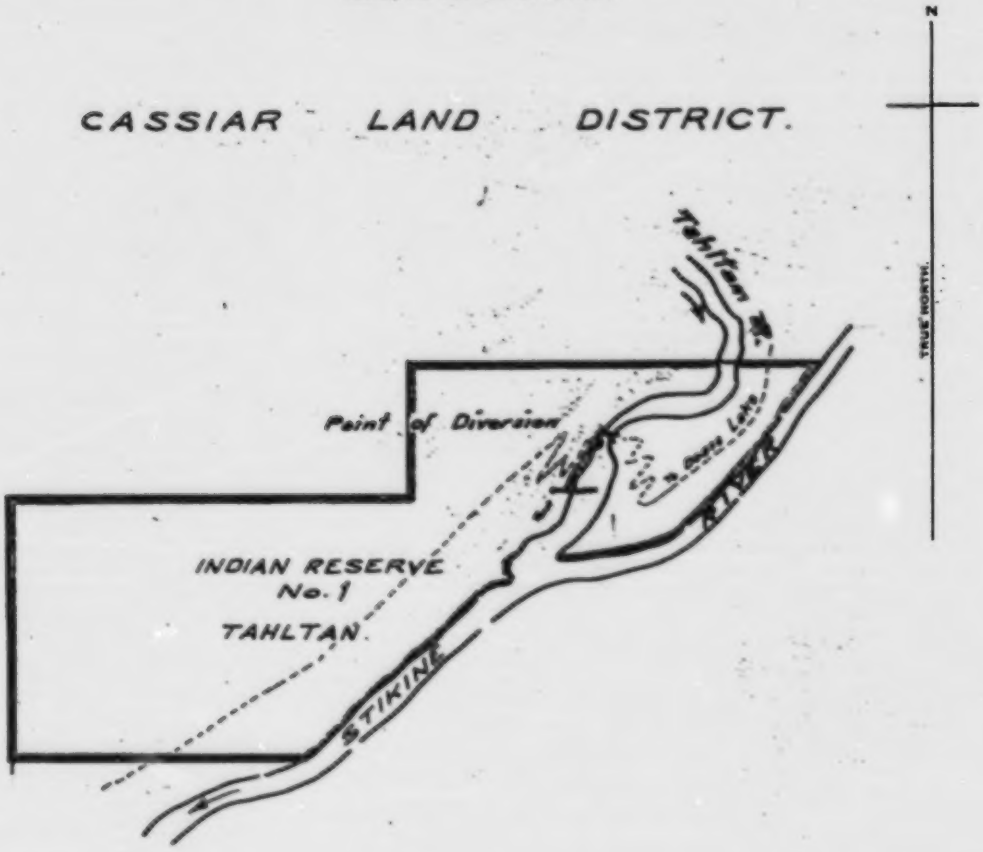
British Columbia.

To accompany Conditional Licence No 16307 Precinct.

STIKINE WATER DISTRICT.

Scale, 20 Chains to 1 Inch.

CASSIAR LAND DISTRICT.



LEGEND

Point of Diversion ●

Pipe & Flume ——·——

The boundaries of the land to which this figure is approximately are shown thus: ———

Signature E. Davie.

Date 2 Jan., 1945

EXHIBIT "A"

See Ref. Map 79 (1-4)

L.L. 16307
File 0134435

ALL COMMUNICATIONS IN REFERENCE TO WATER MATTERS SHOULD BE ADDRESSED TO COMPTROLLER OF WATER RIGHTS PARLIAMENT BUILDINGS, VICTORIA, B.C.

VICTORIA, B.C.,

WATER RIGHTS BRANCH
DEPARTMENT OF LANDS AND FORESTS

21

O R D E R

W A T E R A C T, [redacted]

Section 13.

File No. [redacted]

Being satisfied that no person's rights will be affected, I hereby extend the time for the completion of the works and for making beneficial use of the water authorized under Conditional Water Licence No. [redacted], [redacted] Creek, to the 31st day of December, 19[redacted].

Deputy Comptroller of Water Rights.

9/6/50

DATED at Victoria, B. C., this [redacted] day of [redacted], 19[redacted].

W.R.B. 42.

W.R.B. 15—[illegible]

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

DIRECTOR OF INDIAN AFFAIRS of Ottawa, Ont., is

hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Tahl Creek, tributary of Stikine River

(b.) The point of diversion is located as shown on the attached plan.

(c.) The date from which this licence shall have precedence is 11th October, 1944.

(d.) The purpose for which the water is to be used is irrigation

(e.) The maximum quantity of water which may be diverted is 37.5 acre-feet per annum and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(f.) The period of the year during which the water may be used is 1st April to 30th September

(g.) The land upon which the water is to be used and to which this licence is appurtenant is 15 acres of Indian Reserve No. 1, Tahltan

(h.) The works for the diversion and carriage of the water are diversion dam, ditch and flume, as shown on the attached plan.

(i.) the construction of which shall be commenced on or before the 31st day of May 19 45 and shall be completed and the water beneficially used on or before the 31st day of December 19 48.

ENTERED ON
W.R. No. 73(A-4)
By [illegible]

ABANDONED
See LD. 1919/43
NTL
E. Davis

Comptroller of Water Rights.

File No. 0154686 Date issued January 2, 1945 Licence No. 16308

10

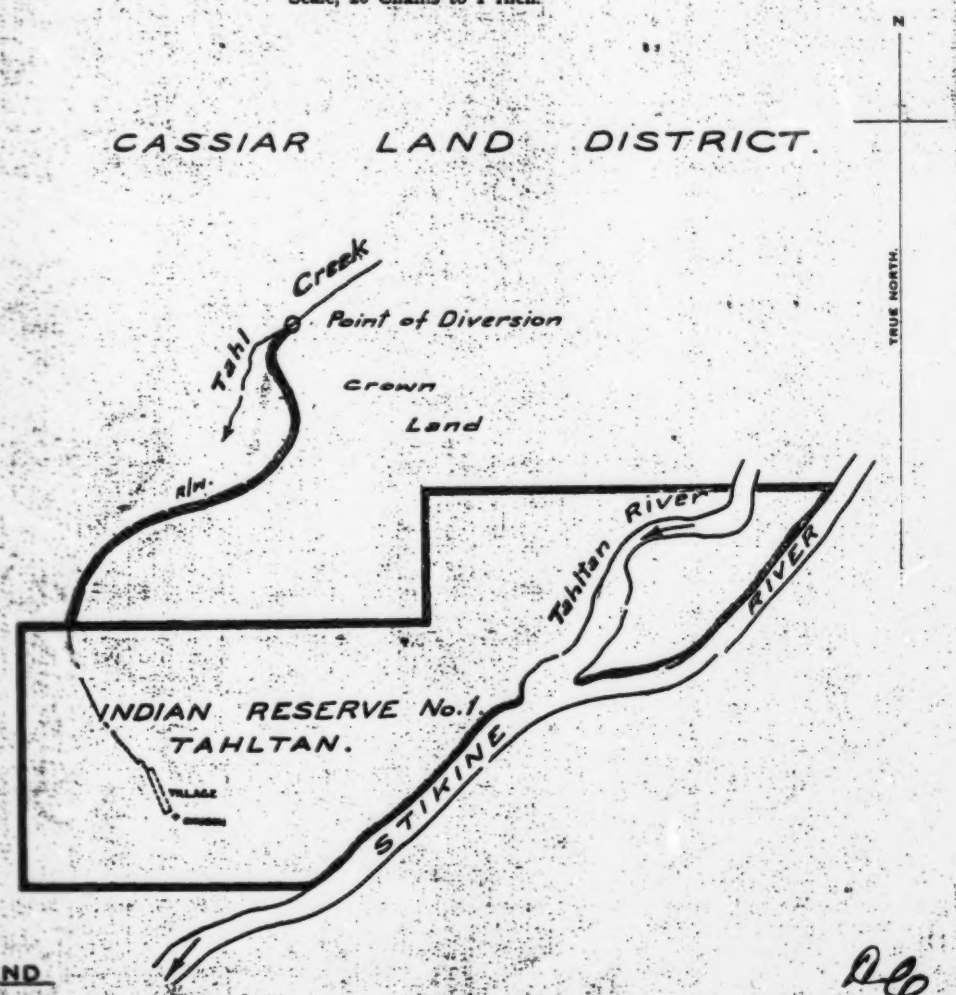
British Columbia.

To accompany Conditional Licence No. 16308
A permit for Right of Way over Crown Land.

STIKINE WATER DISTRICT.

Scale, 20 Chains to 1 Inch.

CASSIAR LAND DISTRICT.



LEGEND

Point of Diversion O
Ditch & Flume
Right of Way

The boundaries of the land to which this licence is appurtenant are shown thus; ; of which ... acres are to be irrigated.

Signature E. Davis.

Date 2 Jan. 1945

C.L. 16308
File 0154686

EXHIBIT "A" For R/W; Ref. Map 73 (4-4) & 14.T.276

290-1211-6196

WATER MANAGEMENT BRANCH

MINISTRY OF ENVIRONMENT

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

Minister of Indian Affairs of Ottawa, Ontario.

is hereby authorized to divert and use water as follows:

(a) The source of the water-supply is Telegraph Creek.

(b) The point of diversion is located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 17th October, 1941.

(d) The purpose for which the water is to be used is domestic.

(e) The maximum quantity of water which may be diverted is 2,000 gallons a day, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(f) The period of the year during which the water may be used is the whole year.

(g) The land upon which the water is to be used and to which this licence is appurtenant is Indian Reserve #6, Telegraph Creek, Cassiar District.

(h) The works authorized to be constructed are infiltration gallery and pipe, which shall be located approximately as shown on the attached plan.

(i) The construction of the said works has been commenced and shall be completed and the water beneficially used on or before the 31st day of December, 1981.

(k) This licence is issued in substitution of Final Water Licence 13091 under Section 15 of the Water Act.

ENTERED ON
Map No. 104 G
By BWL. C.C.

H.D. DeBeck,
Comptroller of Water Rights.

File No. 0145778 Date issued: 12th March, 1981 Conditional Licence 55137

ABANDONED
24-9-87

British Columbia

ATLIN WATER DISTRICT

CASSIAR DISTRICT

Scale: 20 Chains to 1 inch

LEGEND

Point of Diversion ●

Ref. Map 104G (14-h)

Pipe ———— - - ————

The boundaries of the land to which this licence is appurtenant are shown thus: [redacted]

Signature [redacted]

Date 12th Mar. 1981.

C.L. 55137 for F.L. 13091

File 0145778

WATER MANAGEMENT BRANCH

MINISTRY OF ENVIRONMENT

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

Telegraph Creek Indian Reserve #6 and #6A c/o Ministry of Indian Affairs Manager, Northwest District, 3219 Eby Street, Terrace, B.C. V8G 4R3

is hereby authorized to divert and use water as follows:

(a) The source of the water-supply is Telegraph Creek.

(b) The point of diversion is located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 15th August, 1980.

(d) The purpose for which the water is to be used is waterworks.

(e) The maximum quantity of water which may be diverted is 20,000 gallons a day, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(f) The period of the year during which the water may be used is the whole year.

(g) The land upon which the water is to be used and to which this licence is appurtenant is Telegraph Creek Indian Reserves #6 and #6A within Lot 17, Cassiar District.

(h) The works authorized to be constructed are diversion structure and pipe, which shall be located approximately as shown on the attached plan.

(i) The construction of the said works has been commenced and shall be completed and the water beneficially used on or before the 31st day of December, 1983.

ENTERED ON
Map No. 104 G
By VO D/B

J.E. Farrell,
Deputy Comptroller of Water Rights.

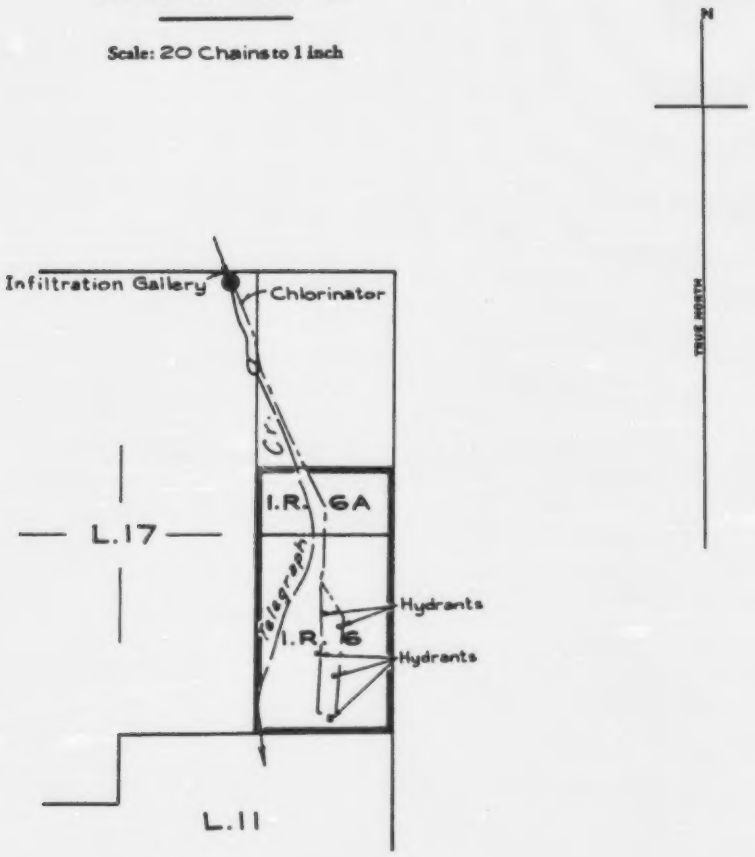
File No. 0367061 Date issued: 21st August, 1981 Conditional Licence 55918

ABANDONED
14-9-87

British Columbia

ATLIN WATER DISTRICT
CASSIAR DISTRICT

Scale: 20 Chains to 1 inch



LEGEND

Point of Diversion ●
Ref. Map 104G (14-E)
Pipe — - —

The boundaries of the land to which this licence is appurtenant are shown thus: ————

Signature Joe L. Caudle

Date 21st Aug. 1981

CL 55918
File 0367061

1981-1979-0007

WATER MANAGEMENT BRANCH

MINISTRY OF ENVIRONMENT

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

The Honourable Minister of Indian Affairs, Ottawa, Ontario
c/o Tahltan Band Council of Telegraph Creek, B.C., V0J 2W0

is hereby authorized to divert and use water as follows:

(a) The stream on which the rights are granted is Telegraph Creek.

(b) The point of diversion is located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 24th June, 1986.

(d) The purpose for which this licence is issued is waterworks.

(e) The maximum quantity of water which may be diverted is 62,000 gallons a day.

(f) The period of the year during which the water may be used is whole year.

(g) The land upon which the water is to be used and to which this licence is appurtenant is I.R. #6, 6A (Telegraph Creek) and Lot 3932, Cassiar District.

(h) The works authorized to be constructed are diversion structure, chlorination chamber, infiltration gallery, hydrants, pumps, reservoir and pipeline, which shall be located approximately as shown on the attached plan.

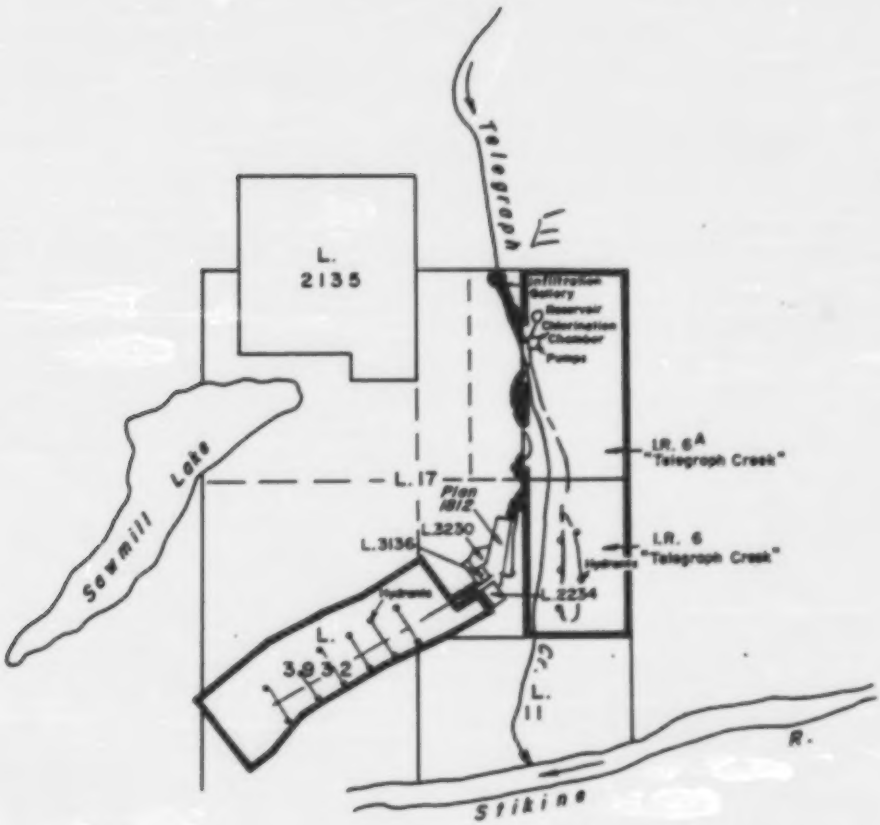
(i) The construction of the said works shall be completed and the water beneficially used prior to the 31st day of December, 1989. Thereafter, the licensee shall continue to make a regular beneficial use of water in the manner authorized herein.

D.W. Roberts

D.W. Roberts, P. Eng.
Regional Water Manager
Northern Region

File No. 6000313 Date issued: OCT 2 8 1987 Conditional Licence 65470

Province of British Columbia



WATER DISTRICT : ATLIN

LAND DISTRICT : CASSIAR

LEGEND

Scale : 1:20 000
Point of Diversion : ●
Map Number : Ref. ~~104 G/NW~~ (14,h) 104. G·095
Pipe : ——— – ———
Permit over Crown Land: [redacted]

The boundaries of the land to which this licence is appurtenant are shown thus : ———

Signature D.H. Robertson

Date OCT 28 1987

C.L. 65470
File 6000313
P.C.L. 16417

WATER MANAGEMENT BRANCH | MINISTRY OF ENVIRONMENT

THE PROVINCE OF BRITISH COLUMBIA - WATER ACT

CONDITIONAL WATER LICENCE

Tahltan Band Council and Indian and Northern Affairs Canada (986-682-7658) of General Delivery, Telegraph Creek, B.C., VOJ 2WO

is hereby authorized to divert and use water as follows:

(a) The stream on which the rights are granted is Dease Lake.

(b) The point of diversion is located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 14th August, 1991.

(d) The purpose for which this licence is issued is waterworks.

(e) The maximum quantity of water which may be diverted is 100,000 gallons a day.

(f) The period of the year during which the water may be used is the whole year.

(g) The land upon which the water is to be used and to which this licence is appurtenant is Dease Lake I.R. 9, Cassiar Dist.

(h) The works authorized are diversion structure, pump, pipeline,hydrants, water treatment facilities and storage tank, which shall be located approximately as shown on the attached plan.

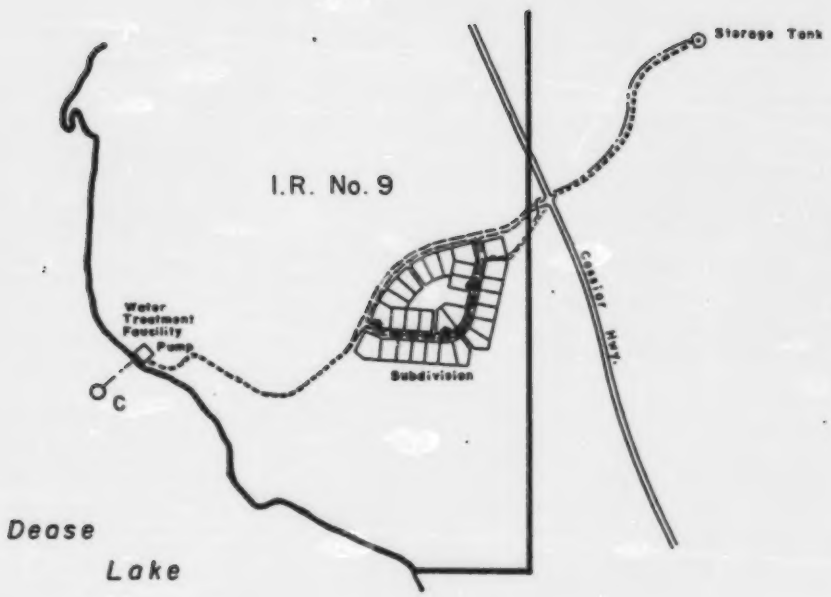
(i) The construction of the said works shall be completed and the water beneficially used prior to the 31st day of December, 1992. Thereafter, the licencee shall continue to make a regular beneficial use of water in the manner authorized herein.

RECEIVED
WATER MANAGEMENT
BRANCH
NOV 2 8 1991

W.H. Dreher, P. Eng.
Regional Water Manager
Skeena Region

File No: 6000670 Date Issued: NOV 25 1991 Conditional Licence 102908

Province of British Columbia



N

WATER DISTRICT : ATLIN
PRECINCT :
LAND DISTRICT : CASSIAR

LEGEND

Scale	: 1:12500
Point of Diversion	: ○
Map Number	: WR 104 J/8·h
Pipe	: ——·——
Hydrant	: ◆

Signature _____

Date NOV 25 1991

C.L. 102908
File 6000670

The boundaries of the land to which this licence

WATER MANAGEMENT BRANCH

MINISTRY OF ENVIRONMENT

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

CONDITIONAL WATER LICENCE

The owner of the land to which this licence is appurtenant is hereby authorized to store, divert and use water as follows:

(a) The streams on which the rights are granted are Hluey Creek and Tsenaglode Creek and the reservoirs are Sitsa and Tuttidueh Lakes and Hluey Lakes.

(b) The points of diversion, re-diversion and storage sites are located as shown on the attached plan.

(c) The date from which this licence shall have precedence is July 17, 1992.

(d) The purposes for which this licence is issued are storage and power (general).

(e) i) The maximum quantity of water which may be stored is 16,400 acre feet. To supplement this amount, the licensee may divert water from Tsenaglode Creek into Hluey Lakes.
ii) The maximum quantity of water which may be diverted from Hluey Creek for power purpose is 70 cubic feet per second, which may be used to generate a maximum of 6 MW of hydroelectricity.

(f) The water may be diverted into storage, stored and used throughout the whole year.

(g) The land upon which the water is to be used and to which this licence is appurtenant is as set out in Licence of Occupation No. 634334 on BC Lands File No. 6405573. This property contains 118.60 acres of Crown land situated southeast of Lot 2986, Cassiar District, on which the powerhouse, switching yard and tailrace channel are situated.

(h) The works authorized to be constructed are access roads, bridge, dam on Hluey Creek at outlet of Hluey Lakes, dam on Tsenaglode Creek at outlet of Sitsa Lake, canal, low pressure conduit, surge tank, penstock, powerhouse, tailrace channel and transmission works.

(i) Works shall be installed to measure and record the flow of water diverted under this licence and instream flow in Hluey Creek immediately below the dam on Hluey Creek and in Tsenaglode Creek immediately below the dam on Tsenaglode Creek.

(j) A minimum flow of 2 cubic feet per second in Hluey Creek and 4 cubic feet per second in Tsenaglode Creek must be left at all times, subject to change upon receipt of an approved Operation and Maintenance Plan, as required under clause (k) vi) herein.

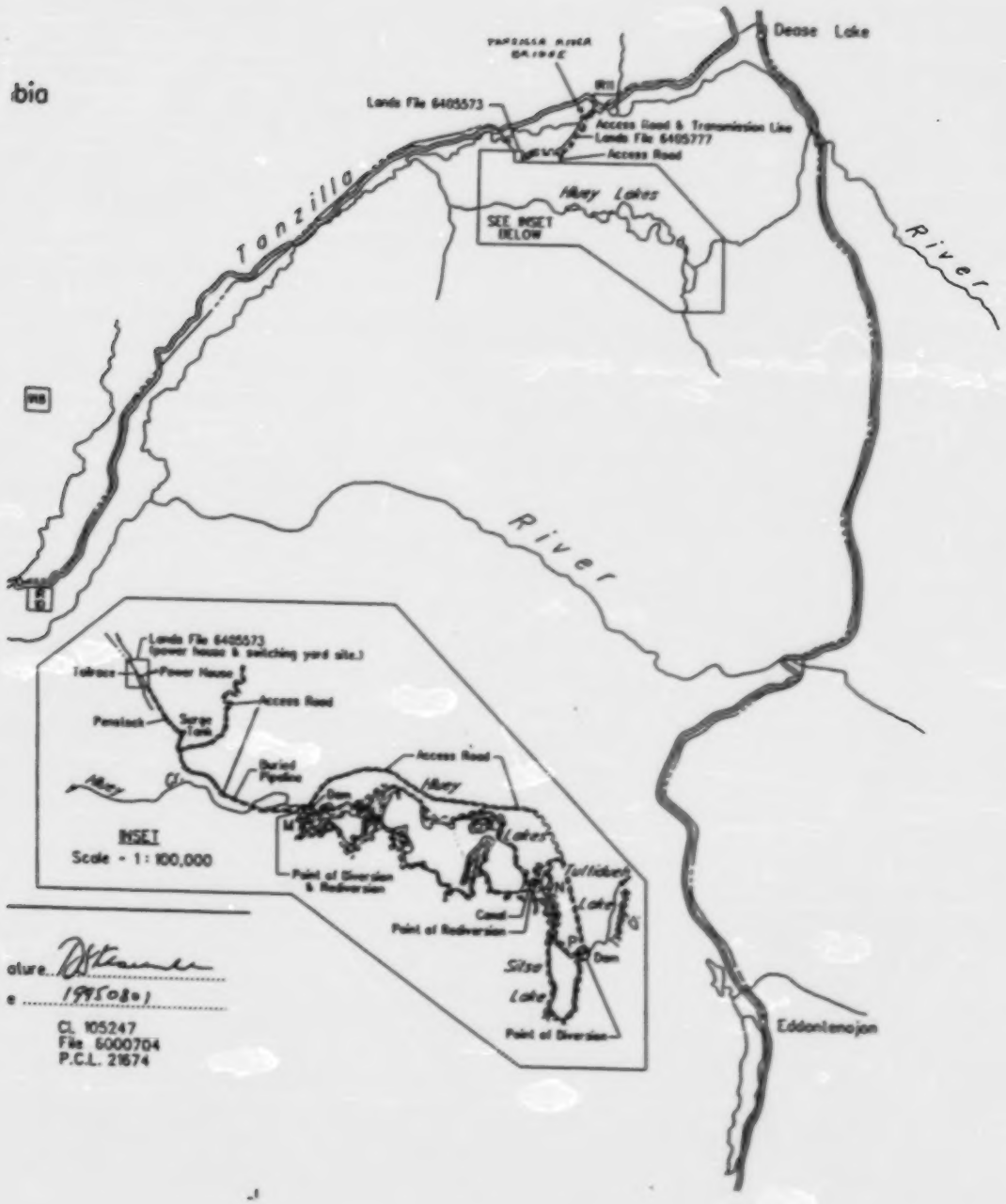
(k) The construction of the said works shall be completed and the water beneficially used prior to the 31st day of December, 1998, subject to the following conditions:

i) design plans for the works must be prepared by a professional engineer registered in British Columbia and submitted to the Comptroller of Water Rights;
ii) construction of the works authorized shall not be commenced until leave is given in writing by the Comptroller of Water Rights;
iii) an interim Operation Plan must be submitted to and leave in writing received from the Comptroller of Water Rights for interim commissioning of the powerplant prior to start-up of power production;
iv) prior to receiving leave for interim commissioning, the licensee must finalize a mitigation and compensation agreement with the Minister of Environment, Lands and Parks;
v) as-built plans must be submitted to the Comptroller of Water Rights within one year of interim commissioning; and
vi) that within three years of interim commissioning an Operation and Maintenance Plan must be submitted to and leave given in writing received from the Comptroller of Water Rights prior to final commissioning of the powerplant.

J. E. Farrell
Deputy Comptroller of Water Rights

File No.: 6000704 Date issued: August 1, 1995 Conditional Licence: 105247

W-180



ature.....

e 1995 08 01

CL 105247
File 6000704
P.C.L. 21674

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Telegraph creek,

a tributary of Stikine river.

(b.) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(c.) The date from which this licence shall have precedence is 18th June, 1930.

(d.) The purpose for which the water is to be used is Domestic.

(e.) The maximum quantity of water which may be diverted from the stream is 2,000 gallons a day.

(f.) The period of the year during which the water may be used is throughout the year.

(g.) The land upon which the water may be used is Tahltan Indian Reserve No.6,

being the East half of the S.E.¼ of Lot 17, Cassiar District,

as shown in the said Exhibit "A."

(h.) The works for the diversion and the carriage of the water consist of ram, pipe and tank.

Abandoned — supplied under C/L 15746.

(i.) This licence is issued in substitution of Conditional Water Licence No. 10708.

Issued this 12th day of February, 1935.

(j) The licensee may also use an additional 20,000 gallons of water a day for the operation of an hydraulic ram until the said 20,000 gallons or any part thereof is required under any other licence, whether issued heretofore or hereafter. The water used in operating the said hydraulic ram shall be returned to the stream immediately after use.

J. A. Macdonald

Comptroller of Water Rights.

File No. 021635.

ENTERED ON Pl. 53/F.1 Rw

Licence No. 9156

W.R.B. 2—1M-434-7934

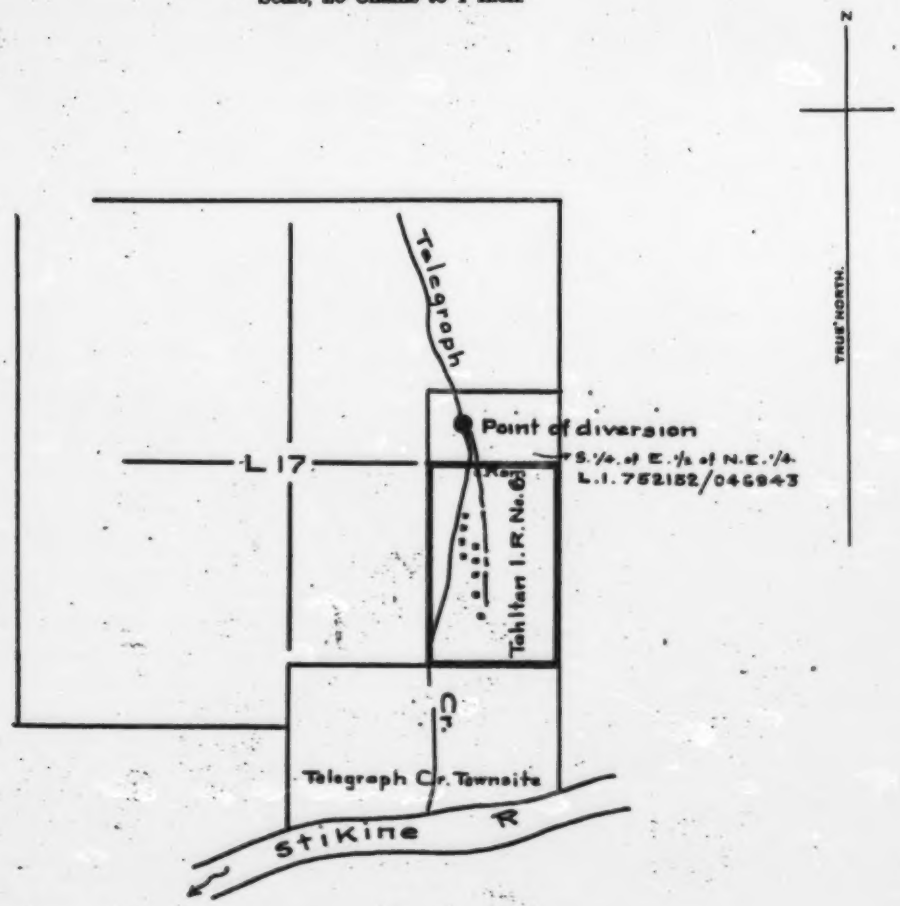
8/

British Columbia.

To accompany Final Licence No. 9156 Precinct.

STIKINE WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



CASSIAR LAND DISTRICT

The boundaries of the land to which this licence is appurtenant are shown shaded.

Signature J. Macdonald

Date 12 Feb. 1935

EXHIBIT "A". Ref. Map 53 (F. 6)

F. L. 9156.

for C.L. 10708
File 091635

W.R.B. 1—[illegible]

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

Director

The ~~Superintendent General~~ of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Telegraph Creek

a tributary of Stikine River.

(b.) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(c.) The date from which this licence shall have precedence is 17th October, 1941.

(d.) The purpose for which the water is to be used is irrigation and domestic.

(e.) The maximum quantity of water which may be diverted from the stream is for irrigation purpose is 50 acre feet per annum and for domestic purpose is 2,000 gallons a day.

(f.) The period of the year during which the water may be used is for irrigation purpose is 1st April to 30th September and for domestic purpose is the whole year.

(g.) The land upon which the water may be used is Indian Reserve No. 6, Telegraph Creek, Cassiar Land District, of which 25 acres may be irrigated,

as shown in the said Exhibit "A"

(h.) The works for the diversion and the carriage of the water consists of dam, flume and ditch.

(i.) This licence is issued in substitution of Conditional Water Licence No. 15246.

ENTERED ON
Map No. 93 F (E.)
By A.L.

CHECKED BY:

Superseded by
C 55/137
12.3.81

Comptroller of Water Rights.

File No. 0145778 Date issued September 1, 1948. Licence No. 13081

Province of British Columbia

Ministry of Environment

PERMIT UNDER THE WATER ACT AUTHORIZING THE OCCUPATION OF CROWN LAND

The holder of Conditional Water Licence 65470, being The Honourable Minister of Indian Affairs, c/o Tahltan Band Council at the date of issue of the said licence, whose licence authorizes the diversion of water from Telegraph Creek, is hereby authorized to occupy Crown Land by constructing, maintaining and operating thereon the works authorized under the said licence and any licence which may be issued in substitution thereof.

(a) The Crown Land which is authorized to be occupied under this permit is a portion of
   a) East 1/2 of the West 1/2 of the Northeast 1/4 of Lot 17, Cassiar District;
   b) West 1/2 of the Southeast 1/4 of Lot 17, Cassiar District, the location of which is shown approximately on the plan attached to the said water licence.

(b) The approximate dimensions of the Crown Land authorized to be occupied under this permit are
   a) 1,700 feet in length, 15 feet in width, and having an area of 0.58 acres
   b) 820 feet in length, 15 feet in width, and having an area of 0.28 acres. Total area is 0.86 acres.

(c) The permittee may cut and remove from the said Crown Land any timber necessary to permit construction and maintenance of the said works. Prior to the cutting, destruction or flooding of any timber, the permittee shall apply for and obtain a licence to cut timber from the District Manager and the amount of stumpage, royalty and (or) compensation payable to the Crown in respect of trees, including merchantable or young growth, cut, removed, damaged, or destroyed by the permittee, shall be the sum or sums fixed by the Forest Service of the Province of British Columbia.

(d) This permit is appurtenant to the land, mine or undertaking to which the aforesaid water licence is appurtenant.

(e) This permit shall become void if the water licence with respect to which the permit is issued should terminate, be abandoned or cancelled, or amended so as to render this permit unnecessary.

(f) This permit is issued and accepted on the understanding that the permittee shall indemnify and save harmless the Government of the Province of British Columbia for all loss, damage to works, cost or expense suffered by the permittee by reason of the Crown Land or any portion thereof being submerged or damaged by erosion or otherwise affected by flooding.

(g) The holder of this permit shall not be entitled to compensation if the Crown grants permits to other persons to occupy the land affected by this permit.

(h) In the event of a dispute at any time with respect to the area or boundaries of the land affected by this permit, the holder shall, at his own expense, have the said land surveyed by a duly qualified surveyor.

T.R. Johnson
Deputy Minister of Environment

File No. 6000313 Date Issued: OCT 2 8 1987 Permit No. 16417

Province of British Columbia

Ministry of Environment

PERMIT UNDER THE WATER ACT AUTHORIZING THE OCCUPATION OF CROWN LAND

The Holder of Conditional Water Licence 105247, whose licence authorizes the diversion and storage of water from Hluey and Tsenaglode Creeks, with reservoirs being Sitsa and Tuskdueh Lakes and Hluey Lakes, is hereby authorized to occupy Crown land by flooding; and by constructing, maintaining and operating thereon the works authorized under the said licence.

(a) The Crown land which is authorized to be occupied under this permit is a portion of unsurveyed land, Cassiar District, the location of which is shown approximately on the plan attached to the said water licence.

(b) The approximate areas of the Crown land authorized to be occupied under this permit are:

		Length	Width	Area
1.	Access Roads			
a)	Main road to surge tank	14,100'	100'	32.36 acs
b)	Surge tank to Hluey Lake dam	14,785'	100'	33.93 acs
c)	Hluey Lake dam to Tsenaglode dam	36,062'	100'	82.79 acs
d)	Branch road to canal	3,275'	100'	7.52 acs
		Total for roads		156.6 acs
2.	Dam sites			
a)	Hluey Lake dam	1,739'	66'	2.63 acs
b)	Tsenaglode dam	1,280'	164'	4.82 acs
		Total for dams		7.45 acs
3.	Penstock	7,362'	26'	4.40 acs
4.	Canal	492'	246'	2.78 acs
5.	Flooding			1444 acs

(c) The permittee may cut and remove from the said Crown land any timber necessary to permit construction and maintenance of the said works and clearing of the said lands which may be flooded. Prior to the cutting, destruction or flooding of any timber, the permittee shall apply for and obtain a licence to cut timber from the District Manager and the amount of stumpage, royalty and (or) compensation payable to the Crown in respect of trees, including merchantable or young growth, cut, removed, damaged, or destroyed by the permittee, shall be the sum or sums fixed by the Forest Service of the Province of British Columbia.

(d) This permit is appurtenant to the land, mine or undertaking to which the aforesaid water licence is appurtenant.

(e) This permit shall become void if the water licence with respect to which the permit is issued should terminate, be abandoned or cancelled, or amended so as to render this permit unnecessary.

(f) This permit is issued and accepted on the understanding that the permittee shall indemnify and save harmless the Government of the Province of British Columbia for all loss, damage to works, cost or expense suffered by the permittee by reason of the Crown Land or any portion thereof being submerged or damaged by erosion or otherwise affected by flooding.

(g) The holder of this permit shall not be entitled to compensation if the Crown grants permits to other persons to occupy the land affected by this permit.

(h) In the event of a dispute at any time with respect to the area or boundaries of the land affected by this permit, the holder shall, at his own expense, have the said land surveyed by a duly qualified surveyor.

J. E. Farrell
Deputy Comptroller of Water Rights
duly authorized designate of the
Minister of Environment, Lands and Parks

File No.: 6000704 Date Issued: August 1, 1995 PERMIT No.: 21674

Stream Register Report Water Licence Information System

Report Requested By : RABRAMS
Date Report Requested : 1996/06/27 16:11
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : FD64202 - 104J/6h C
END POINT : H022602 - Dease Lake on Dease River

Priority YYYY/MM/DD	Licence File Number	Appurtenancy Number	Licensee	POC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source	NR Map	POD	RED POD Comments					Proc	
1991/08/14	C102968	6000670	IR NO 9 DEASE LAKE		TAKLTAN INDIAN BAND 904-482-7858 GD TELEGRAPH CREEK BC V0J2W0	100,000.00	GD	Jan 01	Dec 31
	Dease Lake		104J/8h	C	P			GI ATLIN	

---------- Total of 1 Licence Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : [redacted]
Date Report Requested : 1998/09/22 13:40
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : 0066304 - 106J/9-D1 H
END POINT : 0066383 - Bluey Creek left at Stellitto Creek

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1992/07/17	C105247	6000704	A POWERHOUSE SITE WITHIN 118.60 AC OF CROWN LAND CASSIAR DIST HELD UNDER LIC OF OCC NO. 634334 ON BC LANDS FIL E NO. 6405573	STIKINE NATION POWER CORP GENERAL DELIVERY DEASE LAKE BC V0C1L0	PROEN STOPR	70.00 CS 16,600.00 AF	Jan 01 Jan 01	Dec 31 Dec 31	FOR SALE OF ENM RESERVOIRS ARE SITSA & TUTTIDUEH LAKES & HLUEY LAKES	

Source	WR Map	POD	RED	POD Comments	Prec
Hluey Creek	WR104J(8-b)	M	M	STORAGE RESERVOIR IS HLUEY LAKES FOR THIS POD REDIVERSION OF WATER FROM POD P WR 104J(8-B) TSENAGLODE CR VIA CANAL AT POD H ON TUTTIDUEH LAKE	03 ATLIN
Tuttidueh Lake	WR104J(8-a)	M	Y	REDIV OF WATER FROM POD P TSENAGLODE CR	
Tsenaglode Creek	WR104J(8-a)	P	M	RESERVOIRS ARE SITSA & TUTTIDUEH LAKES FOR THIS POD STORED WATER REDIVERTED INTO HLUEY LAKES VIA CANAL AT POD M TUTTIDUEH LAKE	

---------- Total of 1 Licence Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : RABRAMS
Date Report Requested : 1996/06/27 12:15
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : 0035189 - 104.0.095 S
END POINT : 0022695 - Telegraph Creek right of Stikine River

Stream Register Report

Water Licence Information System

DATE: 1996/06/27
TIME: 12:15
PAGE: 001

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		WD Map	POD	REG POD Comments					Proc	
1996/06/26	C000670	6000313	IR 6A (TELEGRAPH CR) & L 3033 CARRIAR DIST	TAHLTAN INDIAN BAND 996-662-7456 GD TELEGRAPH CREEK BC V0J2W0	WATUSE	62,000.00 GD	Jan 01	Dec 31		
Telegraph Creek		NE104.0.005	E	N					03 APLIN	

---------- Total of 1 Licence Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : HARRAMS
Date Report Requested : 1996/08/23 13:49
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : H066387 - Sitea Lake on Teenaglode Creek
END POINT : S066388 - Teenaglode Creek left of Tenzilla River

Priority YYYY/MM/DD	Licence File Number	Appurtenancy Number	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1992/07/17	C105267	6000704 A POWERHOUSE SITE WITHIN 110.60 AC OF CROWN LAND CASSIAR DIST HELD UNDER LIC OF OCC NO. 634334 ON BC LANDS FIL E NO. 6405573	STIKINE NATION POWER CORP GENERAL DELIVERY DEASE LAKE BC V0C1L0	PRGEN	70.00 CS	Jan 01	Dec 31	FOR SALE OF 6MW	
				STOPR	16,400.00 AF	Jan 01	Dec 31	RESERVOIRS ARE SITSA & TUTTIDUEH LAKES & HLUEY LAKES	

Source	WR Map	POD	RED	POD Comments	Prec	
Tsenaglode Creek	WR104J(8-a)	P	N	RESERVOIRS ARE SITSA & TUTTIDUEH LAKES FOR THIS POD STORED WATER REDIVERTED INTO HLUEY LAKES VIA CANAL AT POD N TUTTIDUEH LAKE	03	ATLIN
Hluey Creek	WR104J(8-b)	N	N	STORAGE RESERVOIR IS HLUEY LAKES FOR THIS POD REDIVERSION OF WATER FROM POD P WR 104J(8-B) TSENAGLODE CR VIA CANAL AT POD N ON TUTTIDUEH LAKE		
Tuttidueh Lake	WR104J(8-a)	N	Y	REDIV OF WATER FROM POD P TSENAGLODE CR		

---------- Total of 1 Licence Reported ----------

DEASE RIVER AT OUTLET OF DEASE LAKE - STATION NO. 10AC003

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1956	---	---	---	---	---	---	---	---	---	8.49	5.41	3.33	---	1956
1957	---	---	---	---	---	38.2	19.6	12.3	8.37	6.44	4.94	3.44	---	1957
1958	2.71	2.43	2.17	---	---	54.6	8.81	4.43	2.91	2.48	4.73	3.42	---	1958
1959	2.99	2.92	3.11	3.82	24.0	53.7	22.1	13.7	13.8	15.8	---	---	---	1959
1960	---	---	---	---	36.8	56.8	37.6	13.2	8.42	11.0	9.18	5.86	---	1960
1961	4.73	3.74	3.25	3.12	35.4	65.1	26.2	10.7	9.28	14.8	13.7	7.96	16.5	1961
1962	6.19	4.64	3.33	3.16	31.3	104	86.4	28.1	24.6	14.2	10.3	7.15	25.3	1962
1963	5.77	4.98	4.16	3.55	30.0	48.6	27.7	13.4	11.4	13.6	8.07	6.49	14.8	1963
1964	5.49	4.79	3.98	3.08	5.41	91.7	35.3	24.9	18.5	10.2	8.63	4.19	17.6	1964
1965	3.64	3.72	3.73	2.40	16.1	58.9	23.0	8.61	8.70	8.31	7.03	4.87	12.3	1965
1966	3.98	3.49	3.09	2.77	16.1	44.3	18.4	24.4	24.7	19.4	9.78	6.20	14.8	1966
1967	5.03	4.49	3.78	3.24	22.2	98.7	29.6	12.3	8.56	10.8	7.39	4.99	17.6	1967
1968	4.41	3.53	2.97	2.65	14.2	38.9	18.8	9.57	21.1	20.1	9.19	5.72	12.4	1968
1969	4.26	3.14	2.49	2.47	20.1	38.7	14.6	23.1	31.0	16.4	9.99	6.89	14.5	1969
1970	4.85	3.90	2.88	2.36	16.0	44.4	19.4	13.7	12.7	18.0	10.5	5.20	12.8	1970
1971	4.29	3.81	3.20	2.84	24.4	63.2	32.2	8.46	8.45	8.97	6.64	4.68	14.4	1971
1972	3.55	2.86	2.49	2.33	23.3	72.6	41.0	15.4	17.6	21.2	13.3	6.06	17.0	1972
1973	4.87	3.70	3.07	2.78	22.1	49.5	25.4	15.5	24.9	24.2	14.5	6.09	16.2	1973
1974	4.66	3.82	2.68	2.52	20.8	61.3	49.4	25.1	12.5	23.9	17.6	7.84	19.4	1974
1975	6.06	4.81	3.68	3.15	18.7	35.2	28.0	17.4	17.5	12.9	7.53	5.48	13.4	1975
1976	4.74	4.18	3.02	2.82	28.8	61.9	30.9	18.2	16.5	11.3	7.25	5.36	17.0	1976
1977	4.82	4.29	3.62	4.08	30.8	58.7	33.3	16.4	10.9	8.85	5.76	4.09	15.5	1977
1978	3.17	2.62	2.21	2.47	10.7	18.9	9.26	6.10	7.26	8.73	5.16	3.85	7.03	1978
1979	4.59	3.71	3.24	2.86	29.5	89.8	38.6	14.1	8.45	9.15	5.85	4.57	17.9	1979
1980	3.75	3.42	2.93	2.85	27.9	31.0	29.7	35.1	21.9	22.5	12.8	7.63	16.9	1980
1981	6.27	4.66	4.23	3.59	34.8	79.8	32.0	11.8	10.9	14.2	9.3	6.67	20.7	1981
1982	5.45	4.91	3.71	3.36	21.8	80.9	34.6	9.98	10.7	9.77	7.62	5.13	14.8	1982
1983	4.15	3.14	2.71	2.85	19.5	38.7	24.0	16.2	17.8	14.7	8.95	5.06	11.4	1983
1984	3.52	2.64	2.02	2.92	17.5	38.7	25.9	12.0	11.3	11.2	7.83	5.92	11.8	1984
MEAN	4.53	3.79	3.11	2.96	22.7	56.4	28.5	15.5	14.5	13.3	8.79	5.68	15.5	MEAN

LOCATION - LAT 58 48 50 N LONG 130 05 00 W DRAINAGE AREA, 1 520 km² NATURAL FLOW

DEASE RIVER AT OUTLET OF DEASE LAKE - STATION NO. 10AC003

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m³/s)	MAXIMUM DAILY DISCHARGE (m³/s)	MINIMUM DAILY DISCHARGE (m³/s)	TOTAL DISCHARGE (dam³)	YEAR
1956	---	---	---	---	1956
1957	---	---	---	---	1957
1958	---	95.1 ON MAY 24	---	---	1958
1959	---	66.8 ON JUN 04	2.86B ON FEB 25	---	1959
1960	---	64.8 ON JUN 28	---	---	1960
1961	---	101 ON MAY 28	3.06E ON APR 24	521 000	1961
1962	---	143 ON JUL 05	3.06 ON APR 02	798 000	1962
1963	---	77.0 ON MAY 25	3.34 ON APR 24	466 000	1963
1964	---	144 ON JUN 08	2.97E ON APR 14	357 000	1964
1965	---	89.2 ON JUN 03	2.35E ON MAR 21	388 000	1965
1966	---	60.3 ON JUN 08	2.72 ON APR 07	465 000	1966
1967	---	198 ON JUN 04 *	2.92 ON APR 26	647 000	1967
1968	---	58.0 ON JUN 01	2.54 ON MAY 08	383 000	1968
1969	---	60.6 ON JUN 04	2.38B ON MAR 23	456 000	1969
1970	---	66.0 ON JUN 05	2.27B ON APR 20	405 000	1970
1971	88.9 AT 08:55 PST ON JUN 10	88.3 ON JUN 10	2.72B ON APR 17	424 000	1971
1972	134 AT 08:40 PST ON JUN 01	123 ON JUN 01	4.28 ON MAY 01	536 000	1972
1973	56.4 AT 05:18 PST ON JUN 08	56.1 ON JUN 08	4.60 ON APR 15	511 000	1973
1974	80.7 AT 05:16 PST ON JUN 04	80.1 ON JUN 03	2.42 ON APR 16	613 000	1974
1975	45.3 AT 15:45 PST ON JUN 04	43.6 ON JUN 05	3.06E ON APR 10	423 000	1975
1976	72.8 AT 02:32 PST ON JUN 11	71.9 ON JUN 11	3.72E ON MAR 20	538 000	1976
1977	71.9 AT 22:31 PST ON JUN 04	71.6 ON JUN 04	3.40E ON MAR 21	489 000	1977
1978	23.2 AT 19:51 PST ON JUN 12	22.5 ON JUN 14	3.00E ON APR 09	312 000	1978
1979	131 AT 18:43 PST ON JUN 06	130 ON JUN 06	2.61 ON APR 16	564 000	1979
1980	60.6 AT 16:39 PST ON JUL 26	60.3 ON JUL 26	2.68 ON APR 13	333 000	1980
1981	146 AT 15:00 PST ON MAY 30 *	145 ON MAY 30	3.38 ON APR 10	454 000	1981
1982	110 AT 06:31 PST ON JUN 06	109 ON JUN 06	3.30B ON APR 04	465 000	1982
1983	37.5 AT 09:11 PST ON JUN 07	37.4 ON JUN 07	2.20B ON APR 14	390 000	1983
1984	50.6 AT 04:09 PST ON JUN 27	50.1 ON JUN 27	1.89B ON MAR 24 *	373 000	1984
				489 000	MEAN

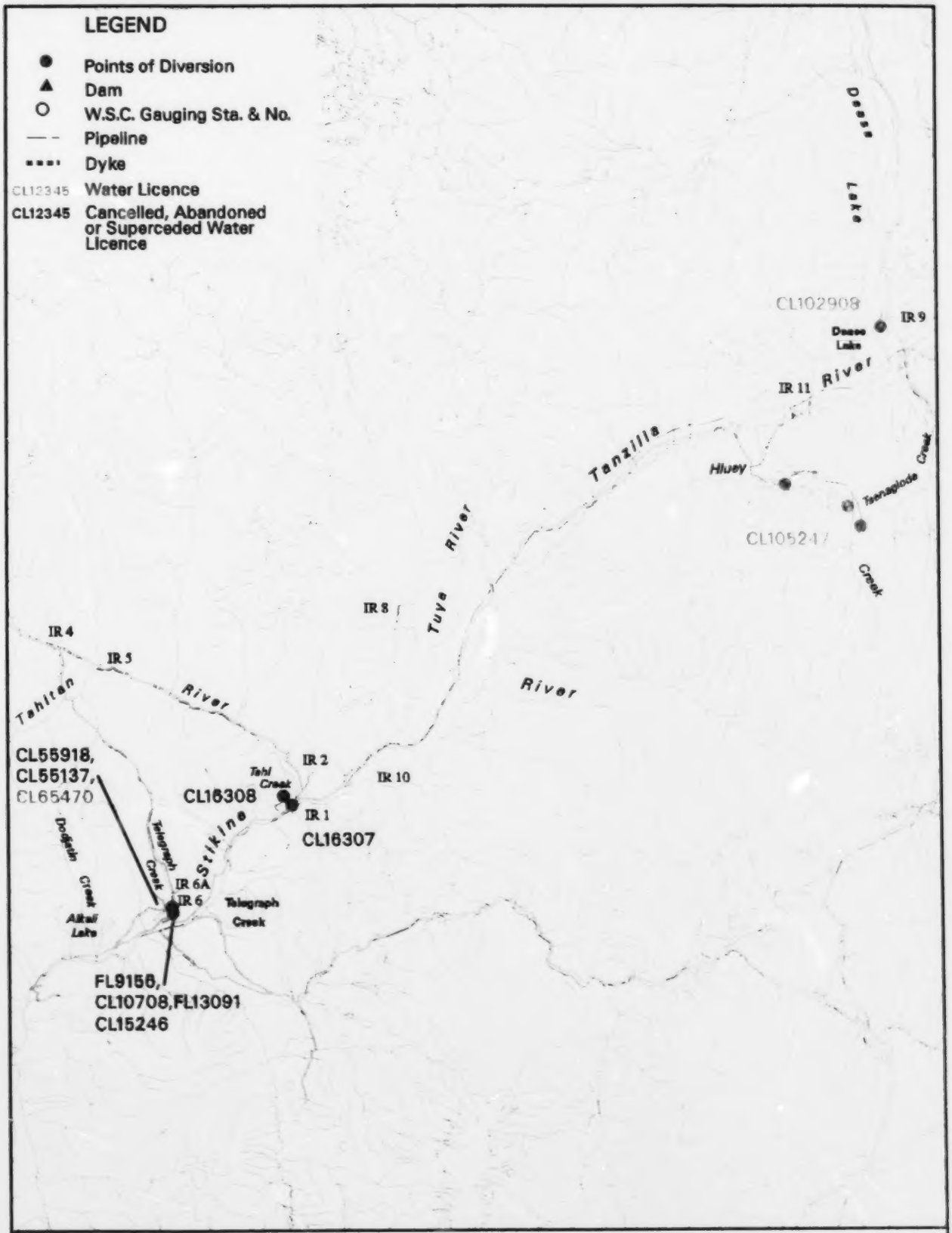
B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

DEASE RIVER NEAR THE MOUTH - STATION NO. 10AC006

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1984	37.6	32.0	29.3	38.0	208	511	315	205	201	156	86.9	57.6	157	1984
1985	43.0	35.6	35.2	41.6	178	737	582	205	212	163	70.9	45.8	196	1985
1986	44.2	34.6	34.4	32.3	132	600	442	188	181	434	186	109	202	1986
1987	67.9	53.1	50.1	51.8	286	663	455	181	212	247	99.3	64.8	203	1987
1988	53.6	45.8	40.4	46.7	330	585	476	266	195	145	85.6	67.8	193	1988
1989	49.7	42.7	38.4	56.9	447	554	266	173	111	127	90.2	66.8	169	1989
1990	47.1	41.5	47.5	53.0	348	827	324	142	110	87.5	57.5	52.2	178	1990
	48.7	40.8	39.3	45.7	276	640	409	194	172	194	96.6	66.3	185	MEAN

LOCATION - LAT 59 51 30 N LONG 130 33 50 W DRAINAGE AREA, 14 500 km² NATURAL FLOW



TAHLTAN FIRST NATION

Scale: 1 : 500,000

Ministry of Environment, Lands & Parks | Date: April 2000 | Environment & Lands Division